

## ABSTRACT

Disclosed is a method for selecting one of a plurality of mobile stations by a base station including a plurality of transmitters. The method comprises

5 analyzing retransmission buffers and initial transmission buffers in the transmitters associated with the mobile stations having transmitting at least two blocks of the *C/I* information, when the two blocks of the *C/I* information are equal to each other, and selecting a mobile station associated with a retransmission buffer in which retransmission data is stored; selecting a mobile

10 station associated with a transmitter transmitting data in real time among the transmitters associated with at least two retransmission buffers, when the retransmission data is stored in at least the two retransmission buffers among the retransmission buffers; and selecting one mobile station associated with a retransmission buffer having a longest data length among the retransmission

15 buffers in the two transmitters, when there exist at least two transmitters transmitting data in real time.

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